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~~Same for BW KROUW P12~~

5 April 65

② 87

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AD596117L

TRIAL RECORD DPGTR 328
BELLMEATHER IV, - PHASE D
BIO 580, TRIALS D-1
THROUGH D-8 (U)

BIOLOGICAL BRANCH
TEST DESIGN AND ANALYSIS OFFICE
TECHNICAL PLANS AND EVALUATION
8 August 1962

Regraded Unclassified
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This project will be filed under
R&D Project Case File Number 3024

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1 FEB 77

Dugway Proving Ground
Dugway, Utah

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HEADQUARTERS
DUGWAY PROVING GROUND
Dugway, Utah

CMLRD-DU-EBB

SUBJECT: Dugway Proving Ground Trial Record DPGTR 328, BELLWETHER IV,
Phase D, Bio 580, Trials D-1 through D-8 (U)

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(U) This document contains information affecting the national defense of the United States within the meaning of the Espionage Laws. (18 U.S.C. 793, 794) the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.

(U) The authority for conducting these tests is contained in Dugway Proving Ground Operating Program, FY 1963-1967, Target Year FY 1963, Appendix 1 to Annex C, Operating Schedule, Dugway Proving Ground, Utah, 1 July 1962. Secret. This test was conducted in support of the Department of the Army Research and Development Project Number 4D98-05-028-02.

(U) The data reported in this trial record are, in some cases, provisional in nature and are subject to change based upon re-evaluation of the original data. They are supplied solely to furnish the recipients with needed, timely data; the complete and final data will be published in a technical report at a later date.

SUMMARY

(U) Eight of the scheduled ten trials of Phase D, Bio 580, BELLWETHER IV, have been conducted. In these eight trials, all aspects of Dugway Proving ground Test Plan DPGTP 580-D was followed except that the peripheral sampling was reduced from the 4 hours called for in the test plan to 1 hour after Trial D-1, as a result of generally light biting and excessive heat. Head-nets are not being worn for the same reasons.

DATA

(U) Table 1 lists the preliminary meteorological and general test data for the first eight trials, and the sampling results are presented, by trials, in Tables 2 through 10.

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Table 1: (UNCLASSIFIED). Summary of General Test Data for Trials D-1 through D-8, Bio 580, BELLWETHER IV (U)

TRIAL NUMBER	DATE (July 1962)	FUNCTION TIME (MST)	STRAIN USED	START OF TRIAL		END OF TRIAL		AVERAGE 2-meter Wind Direction (°)	TWO-METER WIND SPEED (mph)			General Descriptive Term
				TEMPER-ATURE (°)	RELATIVE HUMIDITY (%)	TEMPER-ATURE (°)	RELATIVE HUMIDITY (%)		At Z Time	Average Z to 30 Minutes	Average 30 to 60 Minutes	
D-1	2	1007	R	79	20	90	13	270	1	5.0	3.8	calm
D-2	9	1030	CD	91	22	100	8	180	4	5.0	3.5	slightly gusty
D-3	16	0945	R	78	28	88	21	variable	0-3	2.5	3.0	calm
D-4	18	1030	CD	89	28	92	16	180	4	6.0	5.0	gusty
D-5	20	0930	CD	83	34	92	22	280	2	1.7	3.0	calm
D-6	24	0925	R	82	39	92	22	variable	0-3	3.5	3.7	calm
D-7	26	0950	R	86	33	83	33	variable	0-3	3.0	6.6	increasing gustiness
D-8	30	0950	CD	85	28	92	23	045	0-3	4.6	3.7	slightly gusty

Table 2: (CONFIDENTIAL). Compiled Building Sampler Data, Trial D-1, Bio 580, R Strain (U)

Number of Bites Obtained.

BUILDING	A				B						C				D				E	
POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
NAME																				
TIME (min)	5	2	0	0	0	0	0	0	0	0	0	2	4	0	0	0	0	0	0	0
10	9	0	0	0	0	0	0	0	0	0	4	3	3	0	0	0	0	0	0	0
15	12	3	0	1	0	0	2	1	0	0	3	2	1	2	0	0	3	1	1	0
20	2	1	0	0	0	0	0	0	0	0	6	6	9	2	0	0	0	0	0	0
25	14	3	5	1	0	1	1	0	0	0	1	5	11	0	0	0	1	2	0	0
30	17	0	10	1	2	1	2	0	2	0	7	6	10	1	0	0	1	2	0	0
35	15	3	8	0	0	3	2	0	0	0	3	10	13	0	0	0	2	1	0	0
40	17	1	3	3	1	6	0	0	1	0	0	8	11	6	0	0	3	5	0	0
45	19	1	2	0	3	4	0	0	0	0	2	9	10	5	0	0	1	4	0	0
50	12	3	1	0	0	4	1	0	0	0	5	5	14	3	0	0	2	3	0	0
55	5	0	3	0	0	2	0	0	2	0	3	7	10	1	0	0	3	0	0	0
60	7	0	1	2	1	0	1	0	1	0	4	5	20	0	0	0	1	0	1	1
75	15	1	5	1	2	2	0	1	0	0	5	22	10	4	1	0	3	4	2	0
80	0	1	0	2	2	0	2	1	1	0	1	15	11	0	2	0	6	7	0	0
105	11	0	0	9	0	0	1	0	1	0	0	13	15	3	0	0	2	2	0	1
180	3	0	1	0	0	1	0	1	0	0	1	9	10	2	0	0	0	0	1	0
135	5	1	3	2	0	0	2	1	0	0	0	11	3	0	1	0	0	0	0	1
150	0	0	1	0	0	1	1	0	0	0	1	8	3	0	0	0	2	2	5	1
165	0	2	4	0	0	0	0	0	0	0	0	10	2	0	0	0	1	2	1	1
180	3	0	1	0	1	0	1	0	1	0	0	4	1	1	1	0	0	1	0	0
195	0	0	0	0	0	0	2	0	0	0	0	6	0	0	0	0	2	0	0	1
210	0	0	0	0	0	0	1	0	0	0	0	3	1	0	1	0	3	1	0	0
225	3	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0
240	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	171	20	51	23	12	25	19	5	9	3	44	170	173	30	6	0	37	38	11	6
BUILDING TOTAL	265				73						417				81				17	

No kills recorded.
Only man to receive any bites outside. Received 8 bites.

Number of Kills Obtained.

BUILDING	A				B						C				D				E	
POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
NAME																				
TIME (min)	5	0	0	0	0	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0
10	1	0	0	1	0	0	0	0	0	0	3	3	3	0	0	0	0	0	0	0
15	0	1	0	1	0	0	1	1	0	0	0	1	0	0	0	0	0	1	0	0
20	0	0	0	0	0	0	0	1	0	0	0	4	7	0	0	0	0	0	0	0
25	0	1	0	(1)	1	0	0	1	0	0	1	3	9	0	0	0	0	2	0	0
30	0	0	0	1	0	0	1	0	2	0	5	5	9	3	0	0	0	0	0	0
35	2	0	0	0	0	0	1	0	0	0	1	6	11	0	0	0	1	1	0	0
40	1	1	0	(2)	3	1	0	1	1	0	0	7	10	0	0	0	0	1	0	0
45	2	0	0	0	0	3	0	0	0	0	2	9	9	0	0	0	1	2	0	0
50	2	0	0	0	0	0	2	0	0	0	1	5	14	0	0	0	1	0	0	0
55	0	0	0	(1)	0	0	0	1	0	2	3	7	9	6	0	0	2	0	0	0
60	3	0	0	2	1	0	0	0	1	0	4	2	19	3	0	0	0	0	1	1
75	2	1	0	(1)	1	2	1	1	1	0	4	14	10	10	0	0	0	2	1	0
80	0	1	0	0	2	2	0	3	1	1	0	13	10	8	0	0	2	0	0	0
105	4	0	0	9	0	0	0	0	0	1	0	8	13	5	0	0	0	0	0	0
120	0	0	0	0	0	1	0	1	0	0	1	8	9	6	1	0	0	0	1	0
135	0	0	0	(1)	2	0	0	1	0	0	0	4	1	4	0	0	0	0	0	0
150	0	0	0	0	0	0	0	2	0	0	1	2	1	0	0	0	0	1	3	2
165	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	1	1	1
180	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
195	0	0	0	0	1	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
210	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0
225	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0
240	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	18	3	0 (6)	23	10	4	13	6	9	0	29	113	148	47	1	0	8	11	10	3
BUILDING TOTAL	16 (52)				42						337				20				13	

No kills recorded.
Values in parentheses are interpolated.

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Number of Bites Obtained.

BUILDING	A				B						C				D				E	
POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
NAME																				
TIME (min)	5	0	2	0	5	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0
10	2	5	7	5	0	0	0	0	0	0	7	0	0	0	0	0	0	1	2	0
15	1	4	6	6	0	0	0	2	0	0	2	1	0	0	0	1	1	0	0	0
20	4	1	5	3	1	2	0	6	0	0	2	1	0	0	0	0	0	0	0	0
25	1	11	5	5	0	2	3	2	0	0	2	3	0	1	1	2	1	0	0	0
30	0	0	13	3	0	0	1	2	2	0	3	1	1	3	0	1	0	0	0	0
35	0	4	9	3	0	1	1	7	0	0	1	3	4	0	0	0	0	0	0	0
40	0	3	12	6	0	0	0	2	0	0	5	0	3	2	0	1	0	1	0	0
45	1	1	14	6	0	0	0	1	1	0	2	2	2	1	0	0	1	0	0	2
50	1	5	6	4	0	0	1	1	0	0	1	2	0	2	0	0	1	0	0	0
55	2	12	3	3	0	0	3	1	1	0	1	1	0	3	0	0	0	0	0	1
60	1	6	6	2	0	0	2	1	0	0	0	0	2	2	1	0	1	0	0	0
75	2	5	9	6	0	0	0	0	0	0	0	3	0	0	2	0	0	1	2	0
90	1	4	5	5	0	0	0	1	0	0	9	1	2	0	1	1	0	2	0	0
105	3	12	0	3	0	0	0	1	0	0	2	2	0	0	1	0	0	1	4	0
120	0	8	4	1	0	0	3	0	0	0	2	0	0	0	1	0	1	0	0	0
135	2	7	5	1	1	0	0	0	0	0	2	1	0	5	0	4	0	0	0	1
150	1	3	3	3	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0
165	0	3	3	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
180	1	0	0	3	0	0	0	0	0	0	3	0	0	0	2	0	0	0	0	0
195	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
210	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
225	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0
240	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	24	97	116	78	2	5	15	27	4	0	50	21	14	19	10	12	10	6	12	6
	315				53						104				38				18	

Number of Kills Obtained

BUILDING	A				B						C				D				E	
POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
NAME																				
TIME (min)	5	0	1	0	5	0	0	0	0	1*	3	0	0	0	0	0	0	0	0	0
10	1	4	5	4	0	0	0	0	0	0	3	0	0	0	0	0	0	1	2	0
15	0	1	4	3	0	0	0	2	0	0	2	1	0	0	0	0	1	0	0	0
20	2	0	3	3	1	1	0	6	0	0	0	0	0	1	0	0	0	0	0	0
25	1	8	3	4	0	2	3	2	0	0	0	2	0	0	1	2	1	0	0	0
30	0	0	2	1	0	0	1	1	2	0	2	0	0	3	0	1	0	0	0	0
35	0	4	2	3	0	1	1	7	0	0	0	3	4	2	0	0	0	0	0	0
40	0	2	3	3	0	0	0	2	0	0	2	0	3	2	0	1	0	1	0	0
45	0	1	4	2	0	0	0	1	1	0	0	2	1	0	0	0	1	0	0	0
50	0	5	2	1	0	0	1	1	0	0	0	2	0	2	0	0	0	0	0	0
55	1	10	0	0	0	0	3	1	0	0	0	1	0	3	0	0	0	0	0	1
60	0	4	4	0	0	0	2	1	0	0	0	0	1	1	1	0	1	0	0	0
75	0	4	2	3	0	0	0	0	0	0	0	3	0	0	2	0	1	0	1	2
90	1	4	0	4	0	0	0	0	1	0	3	1	2	0	1	1	0	2	0	0
105	0	9	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	1	4	0
120	2	7	2	0	0	0	3	0	0	0	0	0	0	0	1	0	1	0	0	0
135	0	2	1	0	1	0	0	0	0	0	0	1	0	4	0	1	0	0	0	1
150	1	2	0	2	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0
165	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180	0	0	0	1	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0
195	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
210	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
225	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0
240	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	10	72	38	41	2	4	15	26	3	7	17	16	11	19	10	7	8	6	7	4
	161				57						63				31				11	

No bites recorded for these kills.

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Table 4: (CONFIDENTIAL). Compiled Building Sampler Data, Trial D-3, Bio 580, R Strain (U)

Number of Bites Obtained.

BUILDING	A				B						C				D				E	
POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
NAME																				
TIME (min)	5	3	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	3	1	0	0	0	0	0	0	0	0	7	0	0	19	0	9	0	0	0	0
15	5	3	0	1	1	0	0	0	0	1	2	2	5	7	0	7	0	0	0	0
20	1	1	0	1	2	0	0	1	0	2	1	7	0	2	3	5	0	0	1	2
25	1	2	0	0	4	4	3	0	1	3	6	5	6	2	1	5	0	0	2	3
30	4	1	0	0	3	3	2	0	2	3	2	4	2	3	2	6	0	0	4	5
35	4	3	0	0	2	1	1	2	0	2	0	3	3	2	0	14	0	0	2	5
40	1	2	0	1	2	3	1	0	1	2	0	4	4	2	3	8	0	0	3	3
45	0	4	0	2	3	0	2	4	1	4	0	2	3	1	6	4	0	0	4	4
50	1	2	0	1	1	1	3	3	3	3	2	5	6	0	5	9	0	1	4	0
55	0	3	0	1	1	1	6	4	1	1	2	2	4	0	2	4	0	0	3	4
60	0	0	0	1	4	0	3	2	0	2	1	3	6	0	3	4	0	0	3	4
75	3	0	0	0	6	10	4	4	4	2	2	4	5	0	0	1	0	0	3	0
90	2	1	0	1	4	0	7	4	1	1	0	4	3	8	0	4	0	0	4	8
105	0	0	0	4	5	3	2	12	2	3	0	5	4	2	6	0	0	3	4	4
120	1	0	0	0	5	3	1	8	1	1	0	3	2	2	3	6	0	0	4	3
135	1	0	0	0	3	0	2	5	0	0	0	2	1	3	0	2	0	0	3	0
150	0	0	0	0	2	0	5	2	0	0	0	0	0	5	0	1	2	2	2	5
165	0	0	0	0	1	0	1	1	1	1	2	1	1	1	0	3	1	3	2	3
180	2	0	0	0	2	0	1	0	0	0	0	1	0	0	0	1	1	0	1	1
195	2	0	0	0	4	0	0	1	0	0	2	0	1	1	4	1	0	1	1	0
210	0	0	0	0	2	1	0	0	0	1	0	0	0	0	0	2	0	5	0	0
225	0	0	0	0	2	2	0	0	0	2	0	0	0	0	0	0	0	2	0	0
240	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
TOTALS	34	24	1	14	62	24	50	53	21	34	27	55	56	62	38	99	4	21	40	66
	73				244						200				162				115	

Number of Kills Obtained.

BUILDING	A				B						C				D				E	
POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
NAME																				
TIME (min)	5	0	1	0	0	0	1	0	0	0	0	0	0	0	0	4	0	0	<div>11</div>	

Kills not recorded. Both men and they both had killed vectors but forgot to record them. They both estimated that their kills were about 5 to 10 lower than the number of bites they received.

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Table 5: (CONFIDENTIAL). Compiled Building Sampler Data, Trial D-4, Bio 580, CD Strain (U)

Number of Bites Obtained

BUILDING	A				B						C				D				E	
POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
NAME																				
TIME(min)	5	0	5	0	0	1	0	0	0	0	6	0	0	0	0	0	0	0	0	0
10	1	6	0	0	0	1	0	0	0	0	10	0	0	0	0	0	0	1	0	0
15	0	4	0	0	0	0	0	0	0	1	10	0	0	0	0	0	0	0	0	0
20	2	3	1	2	0	0	3	1	0	1	5	0	1	1	0	0	0	2	0	0
25	2	7	1	1	0	0	3	2	1	0	10	2	3	2	1	0	0	1	0	0
30	2	4	2	5	0	0	0	5	0	1	9	0	1	0	1	2	0	2	0	0
35	0	2	0	3	0	0	0	1	2	2	7	0	1	0	0	0	0	0	0	0
40	3	4	0	7	0	0	2	0	1	0	6	3	0	0	1	4	1	0	1	0
45	0	6	1	6	0	0	0	1	0	0	2	4	0	0	1	1	1	2	0	0
50	0	1	1	5	0	0	1	0	0	0	8	2	0	0	1	1	3	1	0	0
55	1	5	1	3	0	1	3	0	0	1	12	1	0	2	0	2	1	1	0	0
60	0	2	5	10	0	0	0	0	0	1	9	2	0	0	0	5	1	0	0	0
75	4	7	2	4	1	3	0	0	1	0	12	0	0	0	0	3	6	1	0	2
90	2	4	3	1	1	1	0	0	0	0	6	0	0	0	1	0	2	0	0	1
105	0	4	1	1	1	2	1	0	1	0	4	0	0	0	0	0	3	1	0	1
120	3	3	2	0	0	0	1	0	0	0	0	1	3	2	0	3	0	1	0	1
135	2	8	1	2	0	0	0	0	0	0	8	1	0	3	4	2	1	2	0	0
150	2	2	2	0	0	0	1	0	1	0	6	0	1	1	0	1	2	4	0	0
165	0	3	1	3	1	0	0	0	0	0	4	0	1	0	1	3	4	0	0	0
180	2	4	3	2	1	0	0	0	0	0	4	0	0	1	1	0	2	1	1	0
195	0	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
210	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
225	0	2	2	2	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
240	0	0	0	1	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0
TOTALS	27	91	32	58	7	17	19	5	6	10	138	16	11	13	15	29	27	26	2	5
	208				64						178				97				7	

Number of Kills Obtained

BUILDING	A				B						C				D				E	
POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
NAME																				
TIME (min)	5	0	4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	1	6	0	0	0	1	0	0	0	0	10	0	0	0	0	0	0	0	0	0
15	0	4	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
20	1	2	1	0	0	0	2	3	1	0	1	0	0	2	2	0	0	0	0	0
25	2	7	1	1	0	0	2	1	0	0	0	2	2	1	0	0	0	0	0	0
30	2	4	1	2	0	0	0	3	0	1	3	0	0	0	1	1	0	0	0	0
35	0	4	0	1	0	0	0	0	0	2	2	2	0	0	0	0	0	0	0	0
40	1	3	0	3	0	1	0	0	0	0	0	0	0	1	0	4	1	0	0	0
45	0	6	1	5	0	0	0	0	0	0	2	3	0	0	1	1	1	2	0	0
50	0	1	1	3	0	0	0	0	0	0	0	0	0	0	1	1	3	1	0	0
55	0	5	1	0	0	1	0	0	0	1	4	0	0	1	3	2	1	0	0	0
60	0	2	2	7	0	0	0	0	0	0	2	1	0	0	0	3	0	0	0	0
75	3	2	1	1	1	1	0	0	0	0	4	0	0	0	5	3	6	0	0	0
90	0	4	2	0	1	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0
105	0	4	0	0	1	0	0	0	0	1	2	0	0	0	0	0	2	0	0	2
120	1	3	1	0	0	0	0	0	0	0	0	1	2	1	1	3	0	0	0	0
135	2	8	1	1	0	0	0	0	0	0	2	1	0	2	2	2	1	0	0	0
150	0	3	2	0	0	0	0	0	0	1	1	0	2	1	0	1	2	1	0	0
165	0	5	1	1	0	0	0	0	0	0	2	0	4	0	1	3	4	0	0	0
180	2	3	1	0	0	0	0	0	0	0	2	0	0	1	1	0	2	0	0	0
195	0	5	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
210	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
225	0	1	1	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0
240	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0
TOTALS	15	86	20	26	5	8	7	1	5	8	37	10	12	10	22	26	25	4	1	2
	147				34						69				77				3	

REGRADED UNCLASSIFIED

JOD, DPG

Table 6: (CONFIDENTIAL). Compiled Building Sampler Data, Trial D-5, Bio 580, CD Strain (U)

Number of Bites Obtained.

BUILDING	A				B						C				D				E	
POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
NAME																				
TIME (min)	5	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
10	0	2	1	1	8	3	0	1	1	1	3	3	0	2	0	2	4	1	0	0
15	3	4	3	1	7	2	1	3	0	6	6	8	1	2	0	5	3	3	0	0
20	6	3	5	0	2	2	0	0	6	2	3	8	1	4	1	7	5	10	0	0
25	5	1	7	0	3	3	2	0	4	2	3	6	5	5	2	3	10	8	0	0
30	8	5	3	1	11	2	1	0	6	3	3	8	5	6	7	2	2	0	0	0
35	5	4	4	0	7	5	0	0	2	6	3	12	6	5	3	1	3	7	1	0
40	6	2	8	0	3	8	1	0	0	4	3	6	12	4	2	2	3	2	0	0
45	8	3	6	1	5	10	0	0	0	2	5	4	10	4	22	3	3	5	0	0
50	4	4	5	6	2	5	1	0	0	0	8	0	8	7	9	3	3	0	0	1
55	5	3	9	5	1	4	1	0	0	2	6	0	5	6	10	1	3	20	0	0
60	5	2	7	5	2	1	0	0	0	3	1	0	3	5	11	3	2	10	0	0
75	8	7	13	8	6	3	5	0	4	4	0	2	3	6	15	4	5	15	0	2
90	4	1	5	3	3	1	1	1	0	3	1	1	5	5	21	3	3	0	0	0
105	5	1	7	2	0	1	2	0	1	0	0	0	3	6	4	4	4	5	1	0
120	3	0	4	0	1	0	1	0	0	0	0	0	3	3	4	1	1	0	2	1
135	4	0	3	0	0	0	0	0	0	1	0	0	0	1	3	2	2	0	2	0
150	2	1	4	0	0	0	0	0	1	0	0	0	2	1	2	2	1	0	0	1
165	0	2	2	0	1	1	0	0	1	0	0	0	1	1	2	0	3	0	0	1
180	0	0	3	0	0	0	0	1	0	1	0	0	0	2	0	1	4	0	1	0
195	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	3	5	2	0	0
210	0	2	0	0	0	0	0	0	0	0	0	0	1	0	2	1	3	0	1	0
225	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0
240	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0
TOTALS	81	48	101	33	62	51	16	6	26	40	45	58	75	77	126	54	75	88	8	6
	263				201						255				343				14	

Number of Kills Obtained

BUILDING	A				B						C				D				E	
POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
NAME																				
TIME (min)	5	0	0	0	0	0	0	0	0	0	0a	0	0	0	0	0	0	0	0	0
10	0	2	1	1	8	2	0	1	1	0	1	3	0	2	0	1	1	1	0	0
15	2	1	2	1	6	1	0	2	0	1	2	6	0	1	0	1	1	1	0	0
20	3	0	4	0	0	2	0	0	2	1	4	8	1	1	1	0	1	5	0	0
25	2	0	4	0	3	3	1	0	2	0	9	5	5	2	1	1	2	7	0	0
30	4	1	2	1	11	11	0	0	1	2	6	6	14	3	2	1	0	0	0	0
35	2	1	2	0	6	3	0	0	0	4	6	8	2	2	3	0	1	3	0	0
40	3	0	6	0	3	7	0	0	0	4	8	6	8	2	1	0	1	0	0	0
45	5	3	4	0	4	10	0	0	0	2	7	1	4	2	12	1	0	1	0	0
50	3	3	2	3	1	4	1	0	0	0	11	0	6	5	3	1	1	0	0	0
55	2	1	6	1	1	3	1	0	0	0	5	1	2	3	3	0	1	15	0	0
60	3	2	6	3	1	1	0	0	0	2	6	0	0	1	2	2	0	3	0	0
75	5	4	7	4	5	1	2	0	2	1	0	0	1	2	6	2	0	9	0	1
90	1	1	3	0	2	0	0	1	0	4	0	1	3	3	7	1	0	0	0	1
105	2	0	2	1	2	0	2	0	0	1	0	0	2	2	2	2	1	5	1	0
120	2	0	3	0	0	0	0	0	0	0	0	0	3	1	1	1	0	0	0	1
135	1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	2	2	0	1	0
150	2	0	2	0	0	0	0	0	0	1	0	0	2	1	2	0	0	0	0	0
165	0	1	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0
180	0	0	1	0	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
195	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	3	1	2	0	0
210	0	1	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	1	0
225	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
240	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	42	21	59	15	55	48	7	4	8	24	65	44	55	36	53	20	14	52	3	3
	137				146						200				139				6	

Killed most of the vectors on his boots and did not count them as bites.

REGRADED UNCLASSIFIED

JOD, DPG

Table 7: (CONFIDENTIAL). Compiled Building Sampler Data, Trial D-6, Bio 580, R Strain (U)

Number of Bites Obtained

BUILDING	A				B						C				D				E	
POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
NAME																				
TIME (min)	5 20	15	12	0	3	0	0	1	4	0	3	3	0	0	1	0	0	0	0	0
	10 20	55	7	3	3	0	0	2	6	1	15	10	0	1	0	2	3	0	0	0
	15 16	25	8	4	2	0	0	2	8	2	7	10	1	0	0	2	0	0	0	0
	20 26	10	15	3	3	0	0	1	5	1	4	9	2	0	1	6	0	0	0	0
	25 10	5	31	2	3	2	0	0	2	3	7	10	1	0	1	1	5	7	0	0
	30 17	10	10	6	2	3	0	2	4	1	7	8	1	2	1	1	0	7	0	1
	35 18	8	7	7	3	4	1	2	5	3	6	6	2	2	3	3	0	3	0	0
	40 25	15	5	6	4	2	0	2	5	1	6	8	4	1	2	2	3	2	1	0
	45 6	6	1	9	3	3	0	1	6	6	5	7	3	2	4	1	2	1	0	0
	50 16	15	9	6	2	0	1	0	2	2	3	6	2	2	4	1	3	1	0	0
	55 10	10	5	4	3	0	0	3	3	3	2	7	6	3	2	1	3	0	0	0
	60 6	6	2	3	3	0	2	0	2	3	3	5	1	3	4	1	1	2	0	0
	75 10	7	12	5	2	2	2	0	5	5	6	2	5	3	2	2	3	4	4	0
	90 9	3	3	13	2	1	1	0	2	3	4	3	3	5	4	2	1	3	2	0
	105 5	1	2	9	2	0	1	0	2	4	3	1	1	2	2	0	2	2	1	0
	120 10	2	7	8	1	0	2	0	0	6	4	3	0	4	2	2	0	1	2	0
	135 12	5	6	4	1	0	3	0	0	2	2	2	0	3	0	0	0	0	1	0
	150 8	1	4	3	0	0	0	0	0	0	2	1	1	1	3	0	0	1	0	0
	165 6	2	5	4	0	0	1	0	0	1	1	0	0	0	2	0	0	0	0	0
	180 2	0	3	3	0	0	0	0	0	1	1	1	1	2	0	2	0	0	1	0
	195 0	3	2	2	0	0	0	0	0	1	0	1	2	4	0	0	0	1	2	0
	210 3	2	3	1	0	0	0	0	0	0	0	1	0	1	1	0	0	0	1	0
	225 1	3	1	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	1	0
	240 1	2	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	1	0
TOTAL	257	211	160	105	42	17	14	16	61	49	91	104	36	46	44	29	26	35	17	1
BUILDING TOTAL	733				199						277				134				18	

Number of Kills Obtained.

BUILDING	A				B						C				D				E	
POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
NAME																				
TIME (min)	5 5	5	9	0	0	0	0	1	2	0	3	3	0	0	1	0	0	0	0	0
	10 10	20	6	2	0	0	0	2	2	0	13	9	0	1	0	1	1	0	0	0
	15 7	9	8	3	1	0	0	1	3	1	4	9	1	0	0	2	0	0	0	0
	20 12	1	8	2	0	0	0	1	2	1	3	7	0	0	1	6	0	0	0	0
	25 3	1	2	2	0	1	0	0	1	2	5	8	1	0	1	1	2	1	0	0
	30 6	1	1	2	1	3	0	1	1	0	4	7	0	0	1	0	0	3	0	1
	35 10	0	7	3	0	2	0	1	2	1	4	5	0	0	3	0	0	0	0	0
	40 7	5	2	5	3	2	0	2	0	1	5	7	1	0	2	1	1	9	1	0
	45 1	1	1	6	0	1	0	1	3	2	5	5	0	0	4	0	1	0	0	0
	50 4	5	4	4	1	0	1	0	2	2	3	4	0	1	4	0	2	0	0	0
	55 5	4	2	1	0	0	0	3	1	2	0	5	4	0	2	0	1	0	0	0
	60 2	1	2	1	0	0	2	0	1	3	1	4	0	2	4	1	1	0	0	0
	75 3	2	3	4	1	0	1	0	0	2	2	2	1	2	2	1	2	1	3	0
	90 5	1	1	7	0	1	0	0	2	1	1	2	1	2	4	2	1	9	2	0
	105 2	0	2	8	0	0	0	0	0	3	0	0	0	1	1	0	1	1	0	0
	120 4	1	0	8	0	0	1	0	1	3	2	2	0	1	2	2	0	0	2	0
	135 0	1	4	4	0	0	2	0	0	2	1	1	0	2	0	0	0	0	1	0
	150 0	0	3	3	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0
	165 0	0	1	4	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0
	180 0	0	1	2	0	0	0	0	0	0	0	0	0	2	0	1	0	0	1	0
	195 0	1	2	2	0	0	0	0	0	1	0	1	1	2	0	0	0	0	1	0
	210 0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	225 1	0	1	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	1	0
	240 0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0
TOTAL	87	59	72	74	7	10	8	13	23	28	56	91	10	18	41	18	13	6	12	1
BUILDING TOTAL	292				89						165				72				13	

REGRADED UNCLASSIFIED

JOD, DPG

Table A: (CONFIDENTIAL). Compiled Building Sampler Data, Trial D-7, Bio 500, E Strain (g)
Number of Bites Obtained.

BUILDING	A				B						C				D				E	
POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
NAME																				
TIME (min)	5	10	2	7	0	1	0	0	0	0	2	1	1	0	0	0	0	0	1	0
10	10	1	5	3	0	3	0	0	0	0	9	0	0	0	1	0	0	0	0	0
15	15	4	4	14	0	2	0	0	0	0	5	4	0	0	0	0	0	0	0	0
20	5	9	8	11	2	1	0	2	1	0	0	4	1	0	1	0	0	0	0	0
25	6	7	4	7	1	4	1	2	3	1	11	6	4	0	0	0	0	0	0	0
30	7	6	7	16	0	1	2	0	0	0	8	4	0	0	0	0	0	0	2	0
35	6	8	9	13	2	5	0	0	0	0	3	2	0	0	0	0	0	0	0	0
40	5	10	8	8	3	3	1	0	1	0	12	2	2	0	0	0	0	0	0	0
45	8	9	2	10	4	3	5	1	1	0	11	3	1	0	0	0	0	0	0	0
50	10	11	6	23	0	6	1	3	0	1	2	3	1	3	0	0	1	0	0	0
55	9	10	10	26	4	3	1	1	2	1	9	2	2	2	1	1	0	0	1	0
60	5	15	6	19	3	1	1	0	0	1	2	2	0	2	0	0	0	0	0	0
75	20	27	3	32	4	6	0	1	0	0	3	9	2	4	1	0	2	2	0	0
90	0	24	4	27	2	11	2	0	0	1	6	3	3	0	0	0	1	4	0	0
105	15	18	2	17	2	7	2	0	1	1	2	1	3	0	0	2	0	2	0	0
120	24	23	7	20	0	9	4	2	0	0	0	1	1	1	1	1	0	1	0	0
135	13	19	5	15	2	8	2	0	0	0	0	0	0	0	0	0	0	2	0	0
150	19	15	11	18	0	7	1	0	1	1	1	0	1	0	0	1	6	3	0	0
165	20	10	8	14	0	9	0	0	0	0	1	1	0	0	0	0	2	3	0	0
180	5	11	12	23	0	0	1	0	1	0	0	0	0	0	0	2	4	4	0	0
195	4	8	7	9	0	0	1	0	0	0	0	0	0	0	0	0	0	5	2	0
210	0	3	4	5	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
225	0	0	8	7	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0
240	0	1	3	13	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
TOTAL	216	251	150	350	29	90	25	12	11	7	87	48	22	12	5	7	18	29	8	0
BUILDING TOTAL	967				174						169				59				8	

did not kill the vector which makes his results biased.

Number of Kills Obtained.

BUILDING	A				B						C				D				E	
POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
NAME																				
TIME (min)	5	1	0	4	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0
10	1	0	1	1	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0
15	3	1	1	1	0	0	0	0	0	0	5	4	0	0	0	0	0	0	0	0
20	5	7	3	1	1	0	0	2	0	0	0	3	1	0	1	0	0	0	0	0
25	4	4	2	1	0	2	0	1	2	1	7	6	3	0	0	0	0	0	0	0
30	2	3	1	1	0	0	0	0	0	0	5	4	0	0	0	0	0	0	2	0
35	0	7	6	1	1	1	0	0	0	0	3	2	0	0	0	0	0	0	0	0
40	2	9	4	1	1	0	0	0	0	0	10	2	2	0	0	0	0	0	0	0
45	1	6	0	2	2	0	0	1	1	0	5	2	1	0	0	0	0	0	0	0
50	10	7	3	2	2	1	0	2	0	1	0	3	1	1	0	0	1	0	0	0
55	8	4	8	1	1	0	1	1	1	1	7	2	2	2	1	0	0	0	1	0
60	4	9	1	1	1	0	0	0	0	1	1	2	0	2	0	0	0	0	0	0
75	14	14	0	1	1	1	0	0	0	0	0	8	2	2	0	0	1	1	0	0
90	0	20	0	2	2	4	0	0	0	1	4	3	3	0	0	0	0	1	0	0
105	10	12	0	0	0	0	0	0	0	1	1	1	3	0	0	1	0	1	0	0
120	17	19	3	1	1	3	0	2	0	0	0	1	1	0	0	0	0	0	0	0
135	9	13	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	1	0	0
150	13	8	7	2	2	3	0	0	1	1	1	0	1	0	0	0	5	1	0	0
165	9	2	4	0	0	0	0	0	0	0	1	1	0	0	0	0	2	2	0	0
180	0	4	6	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0
195	0	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
210	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0
225	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
240	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
TOTAL	113	150	70	—	15	19	1	9	5	7	59	45	21	7	2	2	15	10	6	0
BUILDING TOTAL	333				56						132				29				6	

No kills recorded.

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Table 9: (CONFIDENTIAL). Compiled Building Sampler Data, Trial D-8, Bio 580, CD Strain (U)

Number of Bites Obtained.

BUILDING	A				B						C				D				E	
POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
NAME																				
TIME (min)	5	5	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
10	10	10	4	2	0	0	0	0	0	0	8	0	0	0	1	0	0	0	0	0
15	7	2	1	0	1	0	0	0	0	0	15	0	0	1	4	0	0	0	0	0
20	10	4	3	3	1	3	2	1	0	0	17	1	0	0	6	3	5	8	0	0
25	4	3	5	1	3	1	0	2	4	0	14	6	4	0	7	9	7	4	0	0
30	3	4	3	4	5	2	1	0	1	2	11	2	2	0	9	6	6	3	0	0
35	3	1	3	4	4	1	0	1	2	2	8	7	9	0	5	3	10	10	1	7
40	2	2	2	5	0	1	0	1	1	1	8	5	1	0	6	10	0	9	3	2
45	4	3	7	2	2	2	3	1	4	1	7	17	1	3	16	7	0	15	1	1
50	2	3	3	1	0	1	1	2	1	0	6	4	1	2	5	6	4	6	1	2
55	4	1	1	1	1	2	1	1	1	1	11	4	0	1	9	2	8	5	0	0
60	5	7	2	3	0	2	1	1	0	0	13	10	1	2	13	1	12	0	1	2
75	3	3	4	3	5	1	0	2	0	0	14	7	7	4	34	10	6	0	2	0
90	2	3	3	0	2	0	0	1	2	0	10	11	1	0	14	9	14	10	1	0
105	0	0	6	0	0	2	0	0	0	0	11	7	3	0	6	10	15	8	0	1
120	1	1	4	1	0	1	0	0	0	0	7	4	2	1	4	13	17	3	0	0
135	0	3	1	1	0	0	0	0	0	0	5	8	5	0	8	6	4	0	0	0
150	0	2	0	0	0	0	0	0	0	0	6	3	1	0	5	5	3	1	0	0
165	3	0	0	0	0	0	0	0	0	0	5	1	1	0	3	2	2	7	0	0
180	1	0	0	0	0	0	0	0	0	0	4	3	1	0	6	3	2	6	0	0
195	1	1	0	0	0	0	0	0	0	0	1	2	0	0	2	8	0	0	0	0
210	0	0	0	0	0	1	0	0	0	0	1	0	0	0	3	0	0	0	0	0
225	0	0	0	0	0	0	0	0	0	0	2	0	0	0	4	2	0	0	0	0
240	0	0	1	0	0	0	0	0	0	0	1	0	0	0	2	1	0	0	0	0
TOTAL	70	47	51	33	24	20	9	13	16	7	188	112	40	14	172	116	108	95	10	15
BUILDING TOTAL	201				89						354				488				25	

Number of Kills Obtained.

BUILDING	A				B						C				D				E	
POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
NAME																				
TIME (min)	5	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
10	8	4	1	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0
15	4	2	0	0	1	0	0	0	0	0	9	0	0	1	2	0	0	0	0	0
20	5	4	2	1	0	3	1	1	0	0	3	1	0	0	1	0	0	8	0	0
25	1	3	4	1	3	1	0	2	3	0	9	3	2	0	5	7	2	4	0	0
30	1	4	1	3	2	2	1	0	1	1	5	7	2	0	3	3	0	3	0	0
35	0	1	2	5	3	0	0	0	2	2	3	4	5	0	2	1	0	6	0	6
40	0	2	1	3	0	0	0	1	1	1	4	5	0	0	4	8	0	4	0	2
45	2	2	7	1	1	0	1	0	4	1	3	11	0	3	10	6	0	10	1	1
50	1	1	2	0	0	0	0	1	1	0	3	1	0	1	3	5	2	6	0	2
55	2	1	0	1	0	0	1	1	1	1	7	2	0	0	7	0	4	5	0	0
60	2	6	0	2	0	0	0	1	0	0	5	4	0	1	9	0	2	0	0	1
75	0	3	2	1	3	1	1	2	0	0	10	3	3	2	13	8	2	10	0	0
90	1	2	1	0	0	0	0	1	2	0	4	6	1	0	8	7	15	8	0	0
105	0	0	5	0	0	1	0	0	0	0	3	1	0	0	4	9	7	3	0	1
120	0	1	2	1	0	0	0	0	0	0	5	0	0	1	2	12	7	3	0	0
135	0	2	0	0	0	0	0	0	0	0	2	1	3	0	3	2	2	0	0	0
150	0	2	0	0	0	0	0	0	0	0	3	1	0	0	4	3	2	1	0	0
165	2	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	4	0	0
180	0	0	0	0	0	0	0	0	0	0	1	1	0	0	3	1	1	3	0	0
195	0	1	0	0	0	0	0	0	0	0	1	0	0	0	2	7	0	0	0	0
210	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0
225	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	2	0	0	0	0
240	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0
TOTAL	31	41	31	19	13	9	5	10	15	6	90	51	16	9	90	82	46	78	1	13
BUILDING TOTAL	122				58						166				296				14	

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Table 10 : (UNCLASSIFIED). Compiled Perimeter Sampler Data, Trials D-1 through D-8, Bio 580 (U)

Number of Bites Obtained in Perimeter Sampling Trial 1 Bio 580 Phase D

POSITION	1	2	3	4	5	6	7	8	9	10
NAME										
TIME (min) 5	0	5	0	0	0	0	0	0	0	0
10	0	3	0	0	0	0	0	0	0	0
15	0	1	0	2	0	0	0	0	0	0
20	0	0	0	1	0	0	0	0	0	0
25	0	0	0	0	1	0	0	0	0	0
30	0	0	0	0	1	0	0	0	0	0
35	0	0	1	0	1	0	0	0	1	0
40	0	0	0	0	0	0	0	0	0	0
45	0	0	1	0	0	0	0	0	0	0
50	0	0	1	0	0	0	1	0	0	0
55	0	3	1	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0
75	0	0	0	1	0	0	0	0	2	0
90	0	0	1	0	0	0	1	0	0	0
105	0	0	0	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0	0	0	0
135	0	0	0	0	0	0	1	0	0	0
150	0	0	0	0	0	0	1	0	0	0
165	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0
195	0	0	0	0	0	0	0	0	0	0
210	0	0	0	0	0	0	0	0	0	0
225	0	0	0	0	0	0	0	0	0	0
240	0	0	0	0	0	0	0	0	0	0
TOTAL	0	12	5	4	3	0	4	0	3	0

• Saw only one vector in first hour.

B:

Number of Bites Obtained in Perimeter Sampling Trial 2 Bio 580 Phase D

POSITION	1	2	3	4	5	6	7	8	9	10
NAME										
TIME (min) 5	0	1	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	2	0
15	0	0	0	0	0	0	0	0	1	0
20	0	0	0	0	0	0	0	0	0	0
25	0	2	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	2
35	0	1	0	1	0	0	0	0	3	2
40	0	0	0	0	0	0	0	0	7	3
45	0	0	0	0	0	0	0	0	2	1
50	0	0	0	1	0	0	0	0	2	4
55	0	0	0	1	0	0	0	0	3	0
60	0	0	0	0	0	0	0	0	4	0
TOTALS	0	4	0	3	0	0	0	0	24	12

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Table 10: Continued.

C: Number of Bites Obtained in Perimeter Sampling, Trial 3, Bio 580 Phase D

POSITION	1	2	3	4	5	6	7	8	9	10
NAME										
TIME (min) 5	0	0	0	0	0	0	0	0	0	0
10	1	0	0	0	1	0	0	0	1	0
15	0	1	0	0	5	0	0	0	1	3
20	1	1	0	1	7	0	0	0	3	3
25	0	2	4	1	4	0	0	0	4	6
30	0	0	2	2	3	2	0	1	1	4
35	0	0	0	1	1	1	0	2	1	2
40	0	0	1	7	0	4	0	1	0	0
45	0	1	4	18	1	2	1	1	0	1
50	0	0	13	20	3	3	0	1	0	2
55	0	0	8	9	0	6	0	2	1	0
60	0	0	3	10	0	8	0	1	2	0
TOTAL	2	5	35	69	25	26	1	9	14	21

D: Number of Bites Obtained in Perimeter Sampling, Trial D-4, Bio 580

POSITION	1	2	3	4	5	6	7	8	9	10
NAME										
TIME (min) 5	0	2	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
15	0	1	0	0	0	0	1	0	0	0
20	0	1	0	0	0	0	0	0	0	0
25	0	4	0	0	0	0	0	0	1	0
30	0	3	0	0	0	0	0	0	0	0
35	0	0	2	0	0	0	0	0	0	0
40	0	1	0	0	0	0	0	0	0	0
45	0	1	0	0	0	0	0	0	0	0
50	0	1	0	0	0	0	0	0	0	0
55	0	0	0	2	0	0	0	0	0	0
60	0	1	0	0	0	0	0	0	0	0
Sub-total	0	15	2	2	0	0	1	0	1	0
TOTAL					21					

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Table 10: Continued.

E: Number of Bites Obtained in Perimeter Sampling, Trial 5, Bio 580
Phase D

POSITION		1	2	3	4	5	6	7	8	9	10
NAME											
TIME (min)	5	0	0	0	0	0	0	3	0	0	0
	10	0	0	0	0	0	0	2	0	0	0
	15	0	0	0	0	0	0	0	0	0	1
	20	0	1	0	0	0	0	0	0	0	1
	25	0	0	1	0	1	0	0	0	0	1
	30	0	0	3	2	1	0	0	0	0	0
	35	0	0	1	2	3	3	0	0	3	0
	40	0	0	3	1	2	3	0	0	0	0
	45	0	0	2	0	1	1	0	0	0	0
	50	0	0	0	0	0	0	0	0	0	0
	55	0	0	0	0	0	0	0	0	0	0
	60	0	0	0	0	0	0	0	0	0	0
TOTAL		0	1	10	5	8	7	5	0	3	3

F: Number of Bites Obtained in Perimeter Sampling, Trial D-6, Bio 580

POSITION		1	2	3	4	5	6	7	8	9	10
NAME											
TIME (min)	5	0	0	0	0	0	0	2	1	0	0
	10	0	0	0	1	3	2	0	4	0	0
	15	0	0	0	0	2	0	0	2	0	0
	20	0	0	1	0	6	7	0	6	1	0
	25	0	0	0	0	4	7	0	2	0	0
	30	0	0	0	0	8	6	1	1	0	0
	35	0	0	0	0	4	7	0	1	0	0
	40	0	0	4	0	9	0	2	2	0	0
	45	0	0	0	0	3	1	0	0	1	0
	50	0	0	4	0	0	2	0	1	0	0
	55	0	0	0	1	1	2	0	2	1	0
	60	0	0	5	0	3	3	0	1	0	0
TOTAL		0	0	20	2	42	37	5	23	3	0

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Table 10: Concluded.

G:

Perimeter Sampling Bio 580 Trial 7, Phase D

POSITION	1	2	3	4	5	6	7	8	9	10
NAME										
TIME (min) 5	0	0	0	0	1	0	?	0	0	0
10	0	0	0	1	3	0		0	0	0
15	0	0	3	0	4	0		0	0	0
20	0	0	2	0	2	0		0	1	0
25	0	1	3	0	2	1		1	0	0
30	0	0	3	0	3	0		0	0	0
35	0	0	1	0	1	1		0	0	0
40	1	2	0	0	0	1		0	0	0
45	2	0	0	2	2	2		0	0	0
50	2	1	0	0	1	3		0	0	0
55	0	0	0	0	0	2		0	0	0
60	0	0	0	0	2	1		0	0	0
TOTAL	5	4	12	3	21	11		1	1	0

H:

Perimeter Sampling Bio 580 Phase D, Trial 8

POSITION	1	2	3	4	5	6	7	8	9	10
NAME										
TIME (min) 5	0	0	0	0	1	0	2	0	0	0
10	0	0	1	0	3	0	3	1	0	0
15	0	0	1	0	2	0	1	0	0	0
20	0	0	1	1	4	3	3	1	3	0
25	0	1	1	0	37	1	5	1	1	0
30	0	5	1	0	17	2	1	5	0	0
35	0	0	1	4	3	0	0	3	2	3
40	0	0	0	1	0	1	2	3	0	0
45	0	1	0	0	0	3	9	1	1	2
50	0	1	0	1	1	5	0	0	4	0
55	0	1	0	0	11	2	2	0	2	0
60	0	0	0	0	0	1	0	0	0	0
TOTAL	0	9	6	7	79	18	28	15	13	5

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